

Susan E Luczak

List of Publications by Year in descending order

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56
papers

1,721
citations

304743

22
h-index

289244

40
g-index

57
all docs

57
docs citations

57
times ranked

2073
citing authors

#	ARTICLE	IF	CITATIONS
1	Substance Use Descriptive Norms and Behaviors among US College Students: Findings from the Healthy Minds Study. <i>Epidemiologia</i> , 2022, 3, 42-48.	2.2	0
2	Blood and breath alcohol concentration from transdermal alcohol biosensor data: estimation and uncertainty quantification via forward and inverse filtering for a covariate-dependent, physics-informed, hidden Markov model*. <i>Inverse Problems</i> , 2022, 38, 055002.	2.0	5
3	An abstract parabolic system-based physics-informed long short-term memory network for estimating breath alcohol concentration from transdermal alcohol biosensor data. <i>Neural Computing and Applications</i> , 2022, 34, 18933-18951.	5.6	3
4	Deconvolving breath alcohol concentration from biosensor measured transdermal alcohol level under uncertainty: a Bayesian approach. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 6739-6770.	1.9	11
5	Alcohol Consumption, Cardiovascular-Related Conditions, and ϵ -ALDH2*2 Ethnic Group Prevalence in Asian Americans. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 418-428.	2.4	4
6	Effects of stomach content on the breath alcohol concentration-transdermal alcohol concentration relationship. <i>Drug and Alcohol Review</i> , 2021, 40, 1131-1142.	2.1	7
7	Exploring the Perceived Risks and Benefits of Heroin Use among Young People (18-24 Years) in Mauritius: Economic Insights from an Exploratory Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6126.	2.6	1
8	Special issue on alcohol biosensors: Development, use, and state of the field: Summary, conclusions, and future directions. <i>Alcohol</i> , 2019, 81, 161-165.	1.7	18
9	Estimating the distribution of random parameters in a diffusion equation forward model for a transdermal alcohol biosensor. <i>Automatica</i> , 2019, 106, 101-109.	5.0	21
10	Comparing a distributed parameter model-based system identification technique with more conventional methods for inverse problems. <i>Journal of Inverse and Ill-Posed Problems</i> , 2019, 27, 703-717.	1.0	2
11	Estimating the quantity and time course of alcohol consumption from transdermal alcohol sensor data: A combined laboratory-ambulatory study. <i>Alcohol</i> , 2019, 81, 111-116.	1.7	30
12	Applying a novel population-based model approach to estimating breath alcohol concentration (BrAC) from transdermal alcohol concentration (TAC) biosensor data. <i>Alcohol</i> , 2019, 81, 117-129.	1.7	13
13	Estimation of the Distribution of Random Parameters in Discrete Time Abstract Parabolic Systems with Unbounded Input and Output: Approximation and Convergence. <i>Communications in Applied Analysis</i> , 2019, 23, 287-329.	0.1	5
14	Obtaining continuous BrAC/BAC estimates in the field: A hybrid system integrating transdermal alcohol biosensor, Intellidrink smartphone app, and BrAC Estimator software tools. <i>Addictive Behaviors</i> , 2018, 83, 48-55.	3.0	23
15	Deconvolving the input to random abstract parabolic systems: a population model-based approach to estimating blood/breath alcohol concentration from transdermal alcohol biosensor data. <i>Inverse Problems</i> , 2018, 34, 125006.	2.0	23
16	A multimodal investigation of contextual effects on alcohol's emotional rewards.. <i>Journal of Abnormal Psychology</i> , 2018, 127, 359-373.	1.9	37
17	Does e-cigarette use predict cigarette escalation? A longitudinal study of young adult non-daily smokers. <i>Preventive Medicine</i> , 2017, 100, 279-284.	3.4	64
18	Latent classes of alcohol problems in Mauritian men: Results from the Joint Child Health Project. <i>Drug and Alcohol Review</i> , 2017, 36, 805-812.	2.1	3

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19	Age of Drinking Initiation as a Risk Factor for Alcohol Use Disorder Symptoms is Moderated by ALDH2*2 and Ethnicity. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1738-1744.	2.4	5
20	Review: Prevalence and co-occurrence of addictions in US ethnic/racial groups: Implications for genetic research. <i>American Journal on Addictions</i> , 2017, 26, 424-436.	1.4	66
21	The FKBP5 Gene Affects Alcohol Drinking in Knockout Mice and Is Implicated in Alcohol Drinking in Humans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1271.	4.1	27
22	Gambling problems and comorbidity with alcohol use disorders in Chinese, Korean, and White American college students. <i>American Journal on Addictions</i> , 2016, 25, 195-202.	1.4	10
23	Using drinking data and pharmacokinetic modeling to calibrate transport model and blind deconvolution based data analysis software for transdermal alcohol biosensors. <i>Mathematical Biosciences and Engineering</i> , 2016, 13, 911-934.	1.9	29
24	Biology, Genetics, and Environment: Underlying Factors Influencing Alcohol Metabolism. , 2016, 38, 59-68.		28
25	Childhood cognitive measures as predictors of alcohol use and problems by mid-adulthood in a non-Western cohort.. <i>Psychology of Addictive Behaviors</i> , 2015, 29, 365-370.	2.1	9
26	Development of a Real-Time Repeated-Measures Assessment Protocol to Capture Change over the Course of a Drinking Episode. <i>Alcohol and Alcoholism</i> , 2015, 50, 180-187.	1.6	38
27	Effects of ALDH2*2 on alcohol problem trajectories of Asian American college students.. <i>Journal of Abnormal Psychology</i> , 2014, 123, 130-140.	1.9	14
28	Estimating BrAC from Transdermal Alcohol Concentration Data Using the BrAC Estimator Software Program. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2243-2252.	2.4	39
29	Framing Ethnic Variations in Alcohol Outcomes from Biological Pathways to Neighborhood Context. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 611-618.	2.4	20
30	Blind deconvolution for distributed parameter systems with unbounded input and output and determining blood alcohol concentration from transdermal biosensor data. <i>Applied Mathematics and Computation</i> , 2014, 231, 357-376.	2.2	33
31	Religious factors associated with alcohol involvement: Results from the Mauritian Joint Child Health Project. <i>Drug and Alcohol Dependence</i> , 2014, 135, 37-44.	3.2	31
32	Determining blood and/or breath alcohol concentration from transdermal alcohol data. , 2013, , .		2
33	Continuous Objective Monitoring of Alcohol Use: Twenty-First Century Measurement Using Transdermal Sensors. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 16-22.	2.4	121
34	Measurement Invariance of Internalizing and Externalizing Behavioral Syndrome Factors in a Non-Western Sample. <i>Assessment</i> , 2013, 20, 642-655.	3.1	22
35	Adolescent Substance Use and Aggression. <i>Criminal Justice and Behavior</i> , 2012, 39, 748-769.	1.8	51
36	ALDH2 and ADH1B Interactions in Retrospective Reports of Low-Dose Reactions and Initial Sensitivity to Alcohol in Asian American College Students. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1238-1245.	2.4	23

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37	Ethnic Differences in Level of Response to Alcohol Between Chinese Americans and Korean Americans. <i>Journal of Studies on Alcohol and Drugs</i> , 2008, 69, 227-234.	1.0	45
38	Stability of Heavy Episodic Drinking in Chinese- and Korean-American College Students: Effects of ALDH2 Gene Status and Behavioral Undercontrol. <i>Journal of Studies on Alcohol and Drugs</i> , 2007, 68, 789-797.	1.0	18
39	Differences in pharmacogenetics of nicotine and alcohol metabolism: Review and recommendations for future research. <i>Nicotine and Tobacco Research</i> , 2007, 9, 459-474.	2.6	20
40	ALDH2, ADH1B, and ADH1C genotypes in Asians: a literature review. <i>Alcohol Research</i> , 2007, 30, 22-7.	1.0	121
41	ALDH2*2 is Associated With a Decreased Likelihood of Alcohol-Induced Blackouts in Asian American College Students. <i>Journal of Studies on Alcohol and Drugs</i> , 2006, 67, 349-353.	2.3	24
42	Meta-analyses of ALDH2 and ADH1B with alcohol dependence in Asians.. <i>Psychological Bulletin</i> , 2006, 132, 607-621.	6.1	203
43	Associations of ALDH2 and ADH1B genotypes with response to alcohol in Asian Americans.. <i>Journal of Studies on Alcohol and Drugs</i> , 2005, 66, 196-204.	2.3	53
44	Genetic Associations of Alcohol Dehydrogenase With Alcohol Use Disorders and Endophenotypes in White College Students.. <i>Journal of Abnormal Psychology</i> , 2005, 114, 456-465.	1.9	65
45	ALDH2 Status and Conduct Disorder Mediate the Relationship Between Ethnicity and Alcohol Dependence in Chinese, Korean, and White American College Students.. <i>Journal of Abnormal Psychology</i> , 2004, 113, 271-278.	1.9	50
46	CORRELATES OF EXTERNALIZING SYMPTOMS IN CHILDREN FROM FAMILIES OF ALCOHOLICS AND CONTROLS. <i>Alcohol and Alcoholism</i> , 2003, 38, 559-567.	1.6	17
47	<i>Family History of Alcohol Dependence in Asian Americans</i>. <i>Journal of Psychoactive Drugs</i> , 2003, 35, 375-377.	1.7	3
48	Religious influences on heavy episodic drinking in Chinese-American and Korean-American college students.. <i>Journal of Studies on Alcohol and Drugs</i> , 2003, 64, 467-471.	2.3	25
49	Binge Drinking in Jewish and Non-Jewish White College Students. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1773-1778.	2.4	23
50	Binge Drinking in Jewish and Non-Jewish White College Students. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1773-1778.	2.4	1
51	Genetic risk for alcoholism relates to level of response to alcohol in Asian-American men and women.. <i>Journal of Studies on Alcohol and Drugs</i> , 2002, 63, 74-82.	2.3	59
52	Genetic risk for alcoholism relates to level of response to alcohol in Asian-American men and women. <i>Journal of Studies on Alcohol and Drugs</i> , 2002, 63, 74-82.	2.3	50
53	Binge drinking in Jewish and non-Jewish white college students. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1773-8.	2.4	10
54	Binge drinking in Chinese, Korean, and White college students: Genetic and ethnic group differences.. <i>Psychology of Addictive Behaviors</i> , 2001, 15, 306-309.	2.1	57

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55	Hydergine for dementia. The Cochrane Library, 2000, , .	2.8	21
56	Age-Related Changes in a Human Cognitive Mapping System: Data from a Computer-Generated Environment. Cyberpsychology, Behavior and Social Networking, 1999, 2, 545-566.	2.2	18